

Nu Genesis Entry Sheet (Login)

☐ Work order

15980

☐ Sample ID

P 42825

☐ Client

EVPA

☐ Other

Nu Genesis Project Laboratory Information:

Documentation:

☒ Header Sheet

☒ Field Data

☒ Field Notes

Login:

☒ Manual

☐ HFDM

Entered
Signature

[Signature]

Date:

6/22/09

Requested by
Signature

Fateh Meh

Date:

6-19-09

South Florida Water Management District, DHRS Certification E46077

Prelogin Summary Report

Jun, 16, 2009 12:25 PM

RECEIVED

2009 JUN 16 11:19 AM

Prelogin Number: P42825

Collector 1: EVPA USFW

995

Collector 2: ANALYSIS DIV.

601

Collector 3:

Sample ID	Project	Col. Date	Time	Station	UD	DS	WE	Type	Program	Method	Matrix	First Trigger Date/Time	Depth	Tdepth	SDD	# Bottles
P42825-1	EVPA	6/19/09	0843	LOX6			2	SAMP	MON	G	SW		.11	.21		7
Comments: DCS: 0.30m ^{KLM} 6/19/09 0.25m EXP @ 6/16/09																
ACODES: ALKA, APA, CA, CL, COLOR, DOC, K, MG, NA, NH4, NO2, NOX, OPO4, SIO2, SO4, TDKN, TDPO4, TDS, TKN, TOC, TPO4, TSS, TURB																
P42825-2	EVPA	6/19/09	0859	LOX11			2	SAMP	MON	G	SW		.08	.16		2
Comments: DCS: 0.37m EXP @ 6/16/09																
ACODES: ALKA, APA, CA, CL, COLOR, DOC, K, MG, NA, NH4, NO2, NOX, OPO4, SIO2, SO4, TDKN, TDPO4, TDS, TKN, TOC, TPO4, TSS, TURB																
P42825-3	EVPA	6/19/09	0917	LOXA124			2	SAMP	MON	G	SW		.06	.11		1
Comments: DCS: 0.26m EXP @ 6/16/09																
ACODES: TPO4																
P42825-4	EVPA	6/19/09	0929	LOX13			2	SAMP	MON	G	SW		.11	.21		7
Comments: DCS: 0.33m EXP @ 6/16/09																
ACODES: ALKA, APA, CA, CL, COLOR, DOC, K, MG, NA, NH4, NO2, NOX, OPO4, SIO2, SO4, TDKN, TDPO4, TDS, TKN, TOC, TPO4, TSS, TURB																
P42825-5	EVPA	6/19/09	0939	LOX14			2	SAMP	MON	G	SW		.15	.29		7
Comments: DCS: 0.44m ^{KLM} 6/19/09 0.44m EXP @ 6/16/09																
ACODES: ALKA, APA, CA, CL, COLOR, DOC, K, MG, NA, NH4, NO2, NOX, OPO4, SIO2, SO4, TDKN, TDPO4, TDS, TKN, TOC, TPO4, TSS, TURB																
P42825-6	EVPA	6/19/09	0952	LOX16			2	SAMP	MON	G	SW		.18	.36		7
Comments: DCS: 0.48m EXP @ 6/16/09																
ACODES: ALKA, APA, CA, CL, COLOR, DOC, K, MG, NA, NH4, NO2, NOX, OPO4, SIO2, SO4, TDKN, TDPO4, TDS, TKN, TOC, TPO4, TSS, TURB																

Parameters Crossed out by:

KLM

Collector Initials (non-signature pages only):

KLM

South Florida Water Management District, DHRS Certification E46077

Prelogin Summary Report

Jun, 16, 2009 12:25 PM

Prelogin Number: P42825

Collector 1: EVRA USFW1

Collector 2: IS DIV.

Collector 3:

995

601

Sample ID	Project	Col. Date	Time	Station	UD	DS	WE	Type	Program	Method	Matrix	First Trigger Date/Time	Depth	Tdepth	SDD	# Bottles
P42825-7	EVPA	6/19/09	1005	LOX15			2	SAMP	MON	G	SW		.21	.41		7
Comments: DCS: 0.62m EXP @ 6/16/09																
ACODES: ALKA, APA, CA, CL, COLOR, DOC, K, MG, NA, NH4, NO2, NOX, OPO4, SIO2, SO4, TDKN, TDPO4, TDS, TKN, TOC, TPO4, TSS, TURB																
P42825-8	EVPA	6/19/09	1015	LOX12			2	SAMP	MON	G	SW		.24	.47		7
Comments: DCS: 0.78m EXP @ 6/16/09																
ACODES: ALKA, APA, CA, CL, COLOR, DOC, K, MG, NA, NH4, NO2, NOX, OPO4, SIO2, SO4, TDKN, TDPO4, TDS, TKN, TOC, TPO4, TSS, TURB																
P42825-9	EVPA	6/19/09	1037	Z1			2	SAMP	MON	G	SW		.15	.30		1
Comments: DCS: 0.85m EXP @ 6/16/09																
ACODES: TPO4																
P42825-10	EVPA	6/19/09	1048	X1			2	SAMP	MON	G	SW			.02		0
Comments: DCS: 0.68m, Tdepth less than 0.1m, No sample collected EXP @ 6/16/09																
ACODES: TPO4																
P42825-11	EVPA	6/19/09	1055	X4			2	SAMP	MON	G	SW		.10	.19		1
Comments: DCS: 0.33m EXP @ 6/16/09																
ACODES: TPO4																
P42825-12	EVPA	6/19/09	1344	LOX12				FCEB	MON	G	SW					7
Comments: Field-cleaned equipment blank EXP @ 6/16/09																
ACODES: ALKA, APA, CA, CL, COLOR, DOC, K, MG, NA, NH4, NO2, NOX, OPO4, SIO2, SO4, TDKN, TDPO4, TDS, TKN, TOC, TPO4, TSS, TURB																

Parameters Crossed out by: KLMCollector Initials (non-signature pages only): KLM

South Florida Water Management District, DHRS Certification E46077

Prelogin Summary Report

Jun, 16, 2009 12:25 PM

Prelogin Number: P42825

Collector 1: EVPA USFW

Collector 2: ANALYSIS DIV.

Collector 3: _____

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2009 JUN 19 PM 2:35
KUM 6/19/09

995

601

Sample ID	Project	Col. Date	Time	Station	UD	DS	WE	Type	Program	Method	Matrix	First Trigger Date/Time	Depth	Tdepth	SDD	# Bottles
P42825-13	EVPA	6/19/09	3:50	LOX12				FCEB	MON	G	SW					7
Comments: Field-cleaned equipment blank - 2nd equipment train																
ACODES: ALKA, APA, CA, CL, COLOR, DOC, K, MG, NA, NH4, NO2, NOX, OPO4, SIO2, SO4, TDKN, TDPO4, TDS, TKN, TOC, TPO4, TSS, TURB																

EXP @ 6/16/09

Parameters Crossed out by: KUM

Collector Initials (non-signature pages only):

SEP

South Florida Water Management District, DHRS Certification E46077

Prelogin Summary Report

Jun, 16, 2009 12:25 PM

Prelogin Number: P42825

Collector 1: EVPA-USFW1

Collector 2: ANALYSIS DIV.

Collector 3:

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2009 JUN 19 PM 2:35
KIM 6/19/09 995
ANALYSIS DIV. 601

Sample ID	Project	Col. Date	Time	Station	UD	DS	WE	Type	Program	Method	Matrix	First Trigger Date/Time	Depth	Tdepth	SDD	# Bottles
ADDITIONAL SAMPLES:																
Sample ID	Project	Col. Date	Time	Station	UD	DS	WE	Type	Prog	Meth	Mat	First Trigger Date	Depth	Tdepth	SDD	# Bottles
42825-14	EVPA	6/19/09	1107	LOXA130			2	SAMP	EXP	G	SW		.12	.24		1
Comments: DCS: 0.28m																
ACODES: TP04																
Comments:																
ACODES:																
Comments:																
ACODES:																

Signature: Kara Mills
Date: 6/19/09

Reviewed: Kara Mills
Date: 6-19-09

Relinquished By: Kara Mills
Date: 6/19/09

Received By: Fahnestock
Date: 6-19-09

Courier:
Tracking#:

Custody Seal Applied:
Purchase Order#:

Samples Shipped on ice? (Y/N)
Samples Received on ice? (Y/N)

Custody Seal Intact? (Y/N)
Acidified? y (Y/N)

PM REVIEW:
Date:

Parameters Crossed out by:
Collector Initials (non-signature pages only):

South Florida Water Management District

Field Test Report

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2009 JUN 19 PM 2:35

Sample Analyst: 995
IC/ICV Analyst: 995
CCV Analyst: 995
Instrument ID#: B6299

IC/ICV Location: FOC
IC/ICV Solution Set ID: FOC061609
CCV Location: Skies
CCV Solution Set ID: SK061609

Acceptance Criteria:

DO	+/- 0.3 mg/L
Specific Conductance	+/- 5 Percent
pH	+/- 0.2 pH Units

Field Sample ID	Tvalue	Precal Reading (IC's only)	Sp Conductance (uS/cm)	Dissolved Oxygen(mg/L)	pH	Temperature (Degree C)	Salinity (ppt)	Redox (mv)	Date/Time Analyzed	P/F
IC 1 (COND)	0.0	0.0	0.0						6/19/09 0700	P
IC 2 (COND)	720	720.8	720.1							P
ICV 1 (COND)	100		99.8							P
IC 1 (pH)	7.0	6.95			7.0					P
IC 2 (pH)	10.0	10.07 10.07			10.07					P
IC 3 (pH)		10.07								
IC 1 (DO)	8.794	8.80		8.79		21.71				P
P42825-1	Lox 6		191.7	2.15	6.23	28.17			6/19/09 0845	
P42825-2	Lox 11		134.0	3.05	6.88	28.07			6/19/09 0900	
P42825-3										
P42825-4	Lox 13		152.4	2.45	6.28	29.69			6/19/09 0930	
P42825-5	Lox 14		223.5	1.85	6.26	29.07			6/19/09 0940	
P42825-6	Lox 16		133.4	1.49	6.40	28.47			6/19/09 0953	
P42825-7	Lox 15		368.2	1.64	6.71	30.02			6/19/09 1007	
P42825-8	Lox 12		204.5	0.99	6.28	29.34			6/19/09 1018	
P42825-9	—									
P42825-10	—									
P42825-11	—									
P42825-12	—									
P42825-13	—									
CCV 1 (COND)	720		723.1						6/19/09 1405	P

Signature: Kara Mah

Date: 6/19/09

Reviewed By: George Palmer

Date: 6-19-09

South Florida Water Management District

Field Test Report

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2009 JUN 19 PM 2:35

Sample Analyst: 995
 IC/ICV Analyst: 995
 CCV Analyst: 995
 Instrument ID#: E36299

IC/ICV Location: FOC
 IC/ICV Solution Set ID: FOC061609
 CCV Location: Skies
 CCV Solution Set ID: sk061609

Acceptance Criteria:

DO DIV.	+/- 0.3 mg/L
Specific Conductance	+/- 5 Percent
pH	+/- 0.2 pH Units

Field Sample ID	Tvalue	Precal Reading (IC's only)	Sp Conductance (uS/cm)	Dissolved Oxygen(mg/L)	pH	Temperature (Degree C)	Salinity (ppt)	Redox (mv)	Date/Time Analyzed	P/F
CCV 2 (COND)	<u>100</u>		<u>100.2</u>							<u>P</u>
CCV 1 (pH)	<u>4.0</u>				<u>3.98</u>					<u>P</u>
CCV 2 (pH)	<u>7.0</u>				<u>6.98</u>					<u>P</u>
CCV 1 (DO)	<u>8.55</u>			<u>8.55</u>		<u>23.20</u>				<u>P</u>

ADDITIONAL SAMPLES:

Field Sample ID	Tvalue	Precal Reading (IC's only)	Sp Conductance (uS/cm)	Dissolved Oxygen(mg/L)	pH	Temperature (Degree C)	Salinity (ppt)	Redox (mv)	Date/Time Analyzed	P/F

Analyst Signature: Kara Mith 6/19/09

Reviewed By: George Chapp 6-19-09

Notes: _____

Pilot: District - JK Collectors and Tasks:

Weather: Hot + Humid ~ 85°F

KLM - Notes, ponds, process

very slight breeze

GP - collect, process

Methods: One 2L and one 1L nalgene bottles are used for sample collection (2L filled using 1L); sites accessed by float helicopter. Samples processed (FCEB also) and analyzed at District lab on Skees Road.

General Information: DCS = depth to consolidated substrate. Corrected DCS = measured value + .03 m to account for length of tip of PVC pole.

Equipment		Acid (# drops)		H2SO4		HNO3	
Bucket #'s: 6NR2 + STA12		Lot #		615FO		(14084)	
Tray #'s: STA19 + WQM6		Bt. Size		4		4	
Other: Graduated PVC pole, syringes and .45u filters		60 ml		12		12	
Filter lot # 8413580		250 ml					

Sample #	Collection time/Collector	Processing time/processor	Site name	Sample type (SP, EB, FCEB, RS)	Corrected DCS (m)	Tdepth (depth of water column) (m)	Amount of suspended solids (NV, L, M, H)	pH < 2? (Y/N)	Approx. dis. from collection site to helicopter (m)	Partial, Full, None, collected (P, F, N)
1	0859 GP	1223 GP	LOX6	SP	30	21	M	Y	35	F

Description of Site:

lily + spikerush + clubrush, bladderwort, sawgrass + tree islands nearby

Sample desc./comments:

Lab: Dark yellow stain, medium suspended solids

-2 0859 GP 1230 KM LOX11 SP 37 16 L Y 30 P

Description of Site:

lily + bladderwort, spikerush, sawgrass, some periphyton, + tree islands nearby

Sample desc./comments:

Lab: Medium yellow stain, light suspended solids

-3 0917 GP 1235 KM LOXA124 SP 26 11 M Y 30 F

Description of Site:

lily, sawgrass, bladderwort, pickerweed, very dense vegetation, tree islands of willow surrounding, very difficult to collect sample because lots of vegetation in water column.

Sample desc./comments:

Lab: Dark yellow stain, medium suspended solids

Kana Nicks
6/19/09Signature: George Salazar
Date: 6-19-09Reviewed By
Date

Page 4 of 4

Sample #	Collection time/Collector	Processing time/processor	Site name	Sample type (SP, EB, FCEB, RS)	Corrected DCS (m)	Tdepth (depth of water column) (m)	Amount of suspended solids (NV, L, M, H)	pH<2? (Y/N)	Approx. dis. from collection site to helicopter (m)	Partial, Full, None, collected (P, F, N)
-4	0929 GP 1308	GP 1310	LOX13	SP	.33	.21	M	Y	35	F
Description of Site: KLM 6/19/09 Lili, spikeweed, bladderwort, sawgrass. Lots of vegetation in water column, difficult to collect sample.										
Sample desc./comments:										
Lab: Medium yellow stain, medium amount of suspended solids										
-5	0939 GP 1308	KLM	LOX14	SP	.44	.29	L	Y	40	F
Description of Site: Lili, bladderwort + sawgrass										
Sample desc./comments:										
Lab: Light brown stain, light solids										
-6	0952 GP 1310	GP 1310	LOX16	SP	.48	.36	L	Y	35	F
Description of Site: lili, spikeweed, bladderwort, sawgrass + water ^{can} same periphyton lots of vegetation in water column, difficult to collect sample.										
Sample desc./comments:										
Lab: medium yellow stain, light solids										
-7	1005 GP 1325	KLM	LOX15	SP	.62	.41	L	Y	40	F
Description of Site: lili, bladderwort, periphyton, sawgrass. Lots of vegetation in water column difficult to walk + to collect sample.										
Sample desc./comments:										
Lab: Medium yellow stain, light solids										

Sample #	Collection time/Collector	Processing time/processor	Site name	Sample type (SP, EB, FCEB, RS)	Corrected DCS (m)	Depth (depth of water column) (m)	Amount of suspended solids (NV, L, M, H)	PH<2? (Y/N)	Approx. dis. from collection site to helicopter (m)	Partial, Full, None, collected (P, F, N)
8	1015 / GP	1330 GP	LOX12	SP	78	1.47	H	Y	30	F
Description of Site:										
lily, bladderwort, periphyton, clubmoss, area surrounded by cattails, grass										
Lab: medium yellow stain, heavy suspended solids										
Sample desc./comments:										
Lab: Light yellow stain, heavy suspended solids										
1037 KLM 11/19/09										
9	1030 / GP	1252 KLM	7	SP	52	.30	M	Y	Float	F
Description of Site:										
lily, bladderwort, periphyton, clubmoss, area surrounded by cattails hole area										
Sampled off float, water hole surrounded by cattails. Lots of water outside but unable to sample outside of hole because of dense cattails.										
Sample desc./comments:										
Lab: medium yellow stain, medium solids										
Sample desc./comments:										
10	1040 GP	1	X1	SP	.68	.02	---	---	---	N
Description of Site:										
Sawgrass, lots of vegetation (most of it dead) in water column. Difficult to collect sample, not enough water to collect sample. Lots of mud + not a lot of water. The depth = .02, so not enough to collect sample. There are some holes, very small, with water but the site is mostly mud + dead vegetation.										
Sample desc./comments:										
11	1055 / GP	1255 KLM	X1	SP	.33	.19	L	Y	35	F
Description of Site:										
lily, spikegrass, with lots of dead vegetation, surrounded by willow tree islands										
Sample desc./comments:										
Lab: medium yellow stain, light solids										
Sample desc./comments:										

Sample #	Collection time/Collector	Processing time/processor	Site name	Sample type (SP, EB, FCEB, RS)	Corrected DCS (m)	Tdepth (depth of water column) (m)	Amount of suspended solids (NV, L, M, H)	pH<2? (Y/N)	Approx. dis. from collection site to helicopter (m)	Partial, Full, None, collected (P, F, N)
-14	1107 GP	1300 KLM	LOXA 130	SP	28	2.4	L	Y	35	F
Description of Site: Willow pads, spikebrush, clubrush, pickerweed, area surrounded by cattails										
Sample desc./comments: lab: Dark yellow stain, light solids										
-12	1341 KLM	1345 KLM	LOX12	FCEB	-	-	-	Y	-	F
Description of Site: FCEB, performed @ Skeer lab										
Sample desc./comments: FCEB, DI water → bucket → bottle (filter if needed) → acidify if needed Train (Kerran) sample train #1: STAT19 ENR 2 bucket + STAT19 -13 130 GP 130 GP LOX12 FCEB - 130 GP 130 GP Description of Site: FCEB, performed at Skeer lab										
Sample desc./comments: FCEB, DI water → bucket → bottle (filter if needed) → acidify if needed sample Train #1 - Stat2 bucket, warm tray Description of Site: No further samples collected KLM 6/19/09										
Sample desc./comments: 6/19/09										

NuGenesis Entry Sheet (Login)

☐ Workorder 15976
☐ Sample ID P42821
☐ Client EVPA
☐ Other _____

NuGenesis Project Laboratory Information:

Documentation:

☒ Header Sheet
☒ Field Data
☒ Field Notes

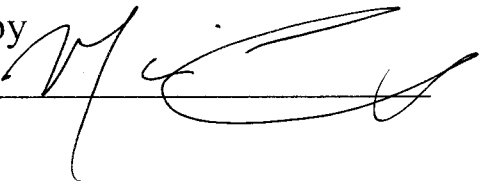
Login:

☒ Manual
☐ HFDM

Entered

Signature _____ Date: _____

Requested by

Signature  Date: 6/17/09

South Florida Water Management District, DHRS Certification E46077

Prelogin Summary Report

Jun, 16, 2009 12:23 PM

Prelogin Number: P42821

Collector 1: EVPA-USFWT 688Collector 2: 570

Collector 3: _____

Sample ID	Project	Col. Date	Time	Station	UD	DS	WE	Type	Program	Method	Matrix	First Trigger Date/Time	Depth	Tdepth	SDD	# Bottles
P42821-1	EVPA	6-17-09	0913	LOX3			2	SAMP	MON	G	SW		.08	.16		2
Comments: DCS: <u>.17m</u> <u>EXP @ 6/16/09</u>																
ACODES: ALKA, APA, CA, CL COLOR, DOC, K, MG, NA, NH4, NO2, NOX, OPO4, SIO2, <u>SO4</u> , TDKN, TDPO4, TDS, TKN, TOC, <u>TPO4</u> , TSS, TURB																
P42821-2	EVPA		0927	LOX5			2	SAMP	MON	G	SW		.09	.18		2
Comments: DCS: <u>.20m</u> <u>EXP @ 6/16/09</u>																
ACODES: ALKA, APA, CA, CL COLOR, DOC, K, MG, NA, NH4, NO2, NOX, OPO4, SIO2, <u>SO4</u> , TDKN, TDPO4, TDS, TKN, TOC, <u>TPO4</u> , TSS, TURB																
P42821-3	EVPA		0942	LOX10			2	SAMP	MON	G	SW		.08	.15		2
Comments: DCS: <u>.22m</u> <u>EXP @ 6/16/09</u>																
ACODES: ALKA, APA, CA, CL COLOR, DOC, K, MG, NA, NH4, NO2, NOX, OPO4, SIO2, <u>SO4</u> , TDKN, TDPO4, TDS, TKN, TOC, <u>TPO4</u> , TSS, TURB																
P42821-4	EVPA		1000	LOX9			2	SAMP	MON	G	SW		.09	.17		2
Comments: DCS: <u>.25m</u> <u>EXP @ 6/16/09</u> <u>KAL 6-17-09 TPO4 OK</u>																
ACODES: ALKA, APA, CA, CL COLOR, DOC, K, MG, NA, NH4, NO2, NOX, OPO4, SIO2, <u>SO4</u> , TDKN, TDPO4, TDS, TKN, TOC, <u>TPO4</u> , TSS, TURB																
P42821-5	EVPA		1015	LOX8			2	SAMP	MON	G	SW		.12	.24		7
Comments: DCS: <u>.38m</u> <u>EXP @ 6/16/09</u>																
ACODES: ALKA, APA, CA, CL, COLOR, DOC, K, MG, NA, NH4, NO2, NOX, OPO4, SIO2, SO4, TDKN, TDPO4, TDS, TKN, TOC, TPO4, TSS, TURB																
P42821-6	EVPA		1030	LOX7			2	SAMP	MON	G	SW		.12	.24		7
Comments: DCS: <u>.33m</u> <u>EXP @ 6/16/09</u>																
ACODES: ALKA, APA, CA, CL, COLOR, DOC, K, MG, NA, NH4, NO2, NOX, OPO4, SIO2, SO4, TDKN, TDPO4, TDS, TKN, TOC, TPO4, TSS, TURB																

Parameters Crossed out by: KALCollector Initials (non-signature pages only): TLT

South Florida Water Management District, DHRS Certification E46077

Prelogin Summary Report

Jun, 16, 2009 12:23 PM

Prelogin Number: P42821

Collector 1: EVPA-USFW4 *KAL 6.17.09*Collector 2: 570

Collector 3: _____

KAL 6.17.09

Sample ID	Project	Col. Date	Time	Station	UD	DS	WE	Type	Program	Method	Matrix	First Trigger Date/Time	Depth	Tdepth	SDD	# Bottles
P42821-7	EVPA	<i>6-17-09</i>	<i>10/12</i>	LOXA130			<i>1</i>	SAMP	MON	G	SW		<i>.11</i>	<i>.22</i>		<i>1</i>
Comments: DCS: <i>.24m</i> <i>EXP @ 6/14/09</i>																
ACODES: TPO4																
P42821-8	EVPA		<i>1050</i>	LOX4			<i>1</i>	SAMP	MON	G	SW		<i>.11</i>	<i>.22</i>		<i>7</i>
Comments: DCS: <i>.25m</i> <i>EXP @ 6/14/09</i>																
ACODES: ALKA, APA, CA, CL, COLOR, DOC, K, MG, NA, NH4, NO2, NOX, OPO4, SIO2, SO4, TDKN, TDPO4, TDS, TKN, TOC, TPO4, TSS, TURB																
P42821-9	EVPA		<i>1108</i>	LOXA140			<i>1</i>	SAMP	MON	G	SW		<i>.08</i>	<i>.16</i>		<i>1</i>
Comments: DCS: <i>.20m</i> <i>EXP @ 6/14/09</i>																
ACODES: TPO4																
P42821-10	EVPA		<i>1117</i>	LOXA101			<i>1</i>	SAMP	MON	G	SW		<i>.08</i>	<i>.13</i>		<i>1</i>
Comments: DCS: <i>.16m</i> <i>EXP @ 6/14/09</i> <i>KAL 6.17.09</i>																
ACODES: TPO4 <i>BGW-6/17/09</i>																
P42821-11	EVPA		<i>1400</i>	LOX4				FCEB	MON	G	SW					
Comments: Field-cleaned equipment blank <i>EXP @ 6/14/09</i>																
ACODES: ALKA, APA, CA, CL, COLOR, DOC, K, MG, NA, NH4, NO2, NOX, OPO4, SIO2, SO4, TDKN, TDPO4, TDS, TKN, TOC, TPO4, TSS, TURB																
P42821-12	EVPA			LOX4				FCEB	MON	G	SW					
Comments: Field-cleaned equipment blank <i>EXP @ 6/14/09</i>																
ACODES: ALKA, APA, CA, CL, COLOR, DOC, K, MG, NA, NH4, NO2, NOX, OPO4, SIO2, SO4, TDKN, TDPO4, TDS, TKN, TOC, TPO4, TSS, TURB <i>BGW 6/17/09</i>																

Parameters Crossed out by: *KAL*Collector Initials (non-signature pages only): *TL*

South Florida Water Management District, DHRS Certification E46077

Prelogin Summary Report

Jun, 16, 2009 12:23 PM

Prelogin Number: P42821

Collector 1: EVPA-USFWT **KAL 6-17-09 688**

Collector 2: 590

Collector 3: _____

Sample ID	Project	Col. Date	Time	Station	UD	DS	WE	Type	Program	Method	Matrix	First Trigger Date/Time	Depth	Tdepth	SDD	# Bottles
ADDITIONAL SAMPLES:																
Sample ID	Project	Col. Date	Time	Station	UD	DS	WE	Type	Prog	Meth	Mat	First Trigger Date	Depth	Tdepth	SDD	# Bottles
Comments: _____																
ACODES: _____																
Comments: _____																
ACODES: _____																
Comments: _____																
ACODES: _____																

Signature: *[Signature]*
Date: 6-17-09

Reviewed: *[Signature]*
Date: 6-17-09

Relinquished By: _____
Date: _____

Received By: *[Signature]*
Date: 6/17/09

Courier: _____
Tracking#: _____

Custody Seal Applied: _____
Purchase Order#: _____

Samples Shipped on ice? _____ (Y/N)
Samples Received on ice? _____ (Y/N)

Custody Seal Intact? _____ (Y/N)
Acidified? Y (Y/N)

PM REVIEW: _____
Date: _____

Parameters Crossed out by: _____

Collector Initials (non-signature pages only): _____

ANALYSIS DIV.
JUN 17 PM 1:59
DECEMBER 17

South Florida Water Management District

Field Test Report

Sample Analyst: TLT
 IC/ICV Analyst: TLT
 CCV Analyst: TLT
 Instrument ID#: E44507

IC/ICV Location: FOC
 IC/ICV Solution Set ID: FOC061609
 CCV Location: Skews Lab
 CCV Solution Set ID: SKEdal609

Acceptance Criteria:

DO	+/- 0.3 mg/L
Specific Conductance	+/- 5 Percent
pH	+/- 0.2 pH Units

Field Sample ID	Tvalue	Precal Reading (IC's only)	Sp Conductance (uS/cm)	Dissolved Oxygen(mg/L)	pH	Temperature (Degree C)	Salinity (ppt)	Redox (mv)	Date/Time Analyzed	P/F
IC 1 (COND)	0.0	0.0	0.0						6.17.09 0720	P
IC 2 (COND)	720	707.4	719.5							P
ICV 1 (COND)	200		198.9							P
IC 1 (pH)	7	6.97			7.01					P
IC 2 (pH)	10	9.95			10.00					P
IC 3 (pH)										
IC 1 (DO)	8.76	8.76		8.76		21.90				P
P42821-1			114.3	4.90	7.28	28.60			6.17.09 0913	
P42821-2			116.8	5.07	6.38	28.97			0927	
P42821-3			142.3	4.45	6.28	29.19			0942	
P42821-4			140.5	5.44	6.26	29.94			1000	
P42821-5			143.8	3.41	6.01	29.65			1015	
P42821-6			138.2	3.13	6.11	30.97			1030	
P42821-7			313.3	6.80	6.61	29.86	1916		6.17.09	
P42821-8			313.3	6.80	6.61	29.86			1050	
P42821-9										
P42821-10										
P42821-11										
P42821-12										
CCV 1 (COND)	100		99.4						6.17.09	P
CCV 2 (COND)	200		197.9							P

Signature: Kristin Luon Date: 6.17.09

Reviewed By: Tiffany Luon Date: 6.17.9

South Florida Water Management District

Field Test Report

Sample Analyst: TLT
 IC/ICV Analyst: TLT
 CCV Analyst: _____
 Instrument ID#: E44507

IC/ICV Location: FOC
 IC/ICV Solution Set ID: FOC 06/1609
 CCV Location: SK025
 CCV Solution Set ID: SK025 06/1609

Acceptance Criteria:

DO	+/- 0.3 mg/L
Specific Conductance	+/- 5 Percent
pH	+/- 0.2 pH Units

Field Sample ID	Tvalue	Precal Reading (IC's only)	Sp Conductance (uS/cm)	Dissolved Oxygen(mg/L)	pH	Temperature (Degree C)	Salinity (ppt)	Redox (mv)	Date/Time Analyzed	P/F
CCV 1 (pH)	<u>4</u>				<u>4.01</u>					<u>P</u>
CCV 2 (pH)	<u>7</u>				<u>6.87</u>					<u>P</u>
CCV 1 (DO)	<u>24.14</u>			<u>8.42</u>		<u>24.14</u>				<u>P</u>

ADDITIONAL SAMPLES:

8.40 TLT
6.17.9

Field Sample ID	Tvalue	Precal Reading (IC's only)	Sp Conductance (uS/cm)	Dissolved Oxygen(mg/L)	pH	Temperature (Degree C)	Salinity (ppt)	Redox (mv)	Date/Time Analyzed	P/F

Analyst Signature: Austin Larson 6.17.9 Reviewed By: Jeffrey Lee 6.17.9

Notes:

ANALYSIS DIV.
 JUN 17 PM 1:59

Signature: Richard L. Smith Signature: Almon Lee

60.71.9

Sample #	Collection time/Collector	Processing time/processor	Site name	Sample type (SP, EB, FCEB, RS)	Corrected DCS (m)	Depth (depth of water column) (m)	Amount of suspended solids (NV, L, M, H)	PH < 2? (Y/N)	Approx. dis. from collection site to helicopter (m)	Partial, Full, None, collected (P, F, N)
5	1000-11-17-1001	17-1001	LOX 9	SP	25	17	2	Y	30	F
Description of Site:										
slough lily, thin spore rush, cynospora, button bush, sawgrass, tree islands, bladderwort, a beak rush										
Sample desc./comments:										
field: light yellow, used 250 mL desc.										
KAC 6-17-09										
5	1015-11-17-1001	17-1001	LOX 8	SP	38	24	M	Y	25	F
Description of Site:										
slough lily, sawgrass, beak rush, bladderwort, a panicum, tree islands surrounding										
Sample desc./comments:										
ab: yellow brown w/ fine-sized snap. solids										
6	1030-11-17-1001	17-1001	LOX 7	SP	33	24	M	Y	30	F
Description of Site:										
slough: lily, bladderwort, panicum, arrow arum, sawgrass & tree islands surrounding										
Sample desc./comments:										
KAC 6-17-09 ab: yellow-brown w/ various sized snap. solids										
7	1045-11-17-1001	17-1001	LOX 13	SP	24	22	NV	Y	25	P
Description of Site:										
sagittaria, sawgrass w/ lily, club rush, bladderwort, field - light brown surrounding circular-shaped slough										
Sample desc./comments:										
SAMPLE DISCARDED - COLLECTORS DID NOT REALIZE IT WAS BROWN LATER WHILE										

Kristin Jensen
 7-17-19
 Signature
 Date

Reviewed By

Page 2 of 4

3 KAL 6.17.9

6.17.09

Sample #	Collection time/Collector	Processing time/processor	Site name	Sample type (SP, EB, FCEB, RS)	Corrected DCS (m)	Tdepth (depth of water column) (m)	Amount of suspended solids (NV, L, M, H)	pH < 7? (Y/N)	Approx. dis. from collection site to helicopter (m)	Partial, Full, None, collected (P, F, N)
8	10:50/TCT	11:17/TCT	LOX4 SP	SP	25	22	M	Y	30	P
Description of Site: Gauge is 16.35'; area is dense w/ club rush, some open areas w/ live pickered weed, dead melaleuca stand, sawgrass, sagittaria, & some cattail & panicum Sample desc./comments: Lab: Dark yellow used 250 mL bottle to fill 1 L & 2 L (many attempts)										
9	11:00/TCT/11:10/TCT/LOX4/SP	11:10/TCT/LOX4/SP	LOX4 SP	SP	20.16	16	NV	Y	35	P
Description of Site: thin spike rush, sagittaria, panicum, button bush, wax myrtle & other tree spp.										
Sample desc./comments: Field: med. brown										
10	11:17/TCT/11:19/TCT/LOX4/SP	11:16/TCT/LOX4/SP	LOX4 SP	SP	16.13	13	NV	Y	30	P
Description of Site: Area is dense w/ sagittaria, sawgrass, button bush, panicum										
Sample desc./comments: light brown										
11	14:00/KAL	14:03/KAL	LOX4 FCEB	FCEB	-	-	-	Y	-	F
Description of Site: D1 water from faucet → Bucket → Bottles → Surges, filter acidity as needed.										
Sample desc./comments:										

Signature: *[Signature]*
Date: 6.17.09

Reviewed By
Date